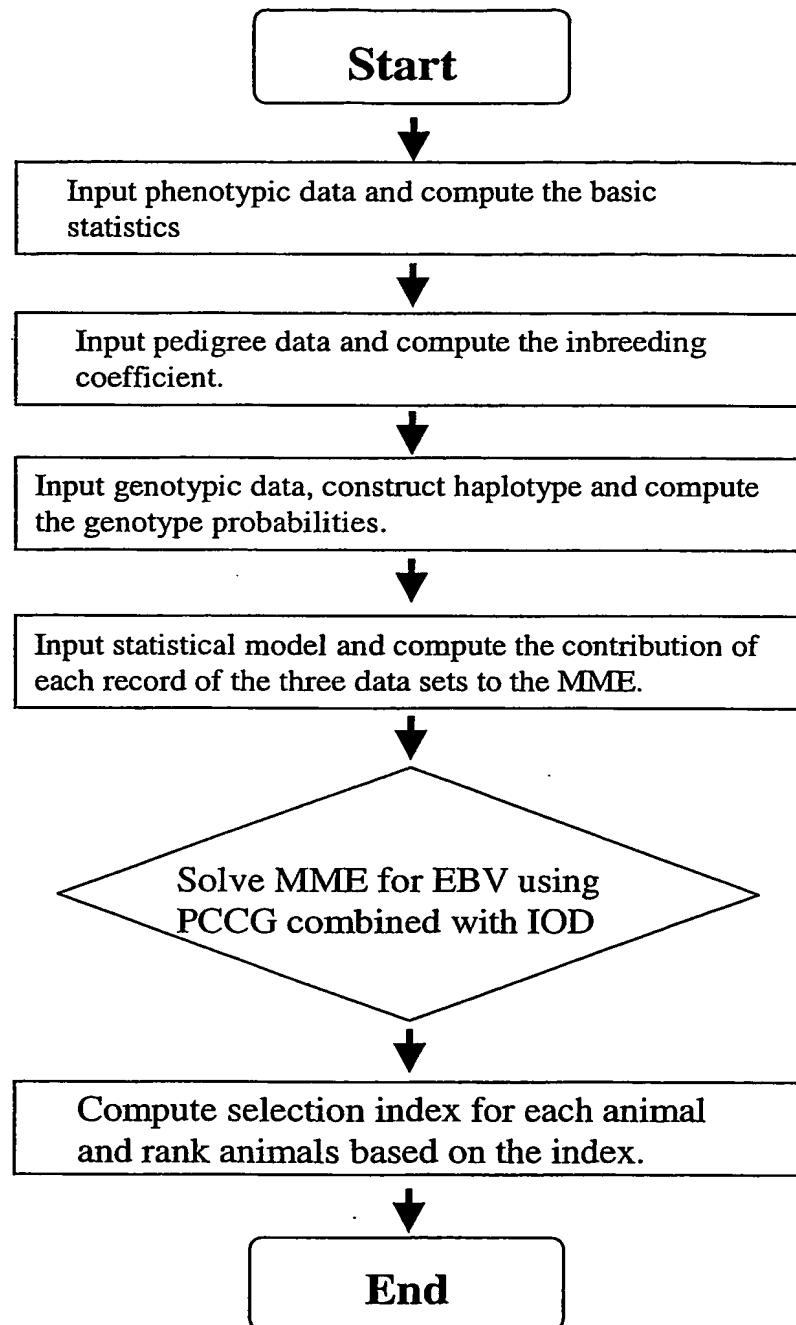
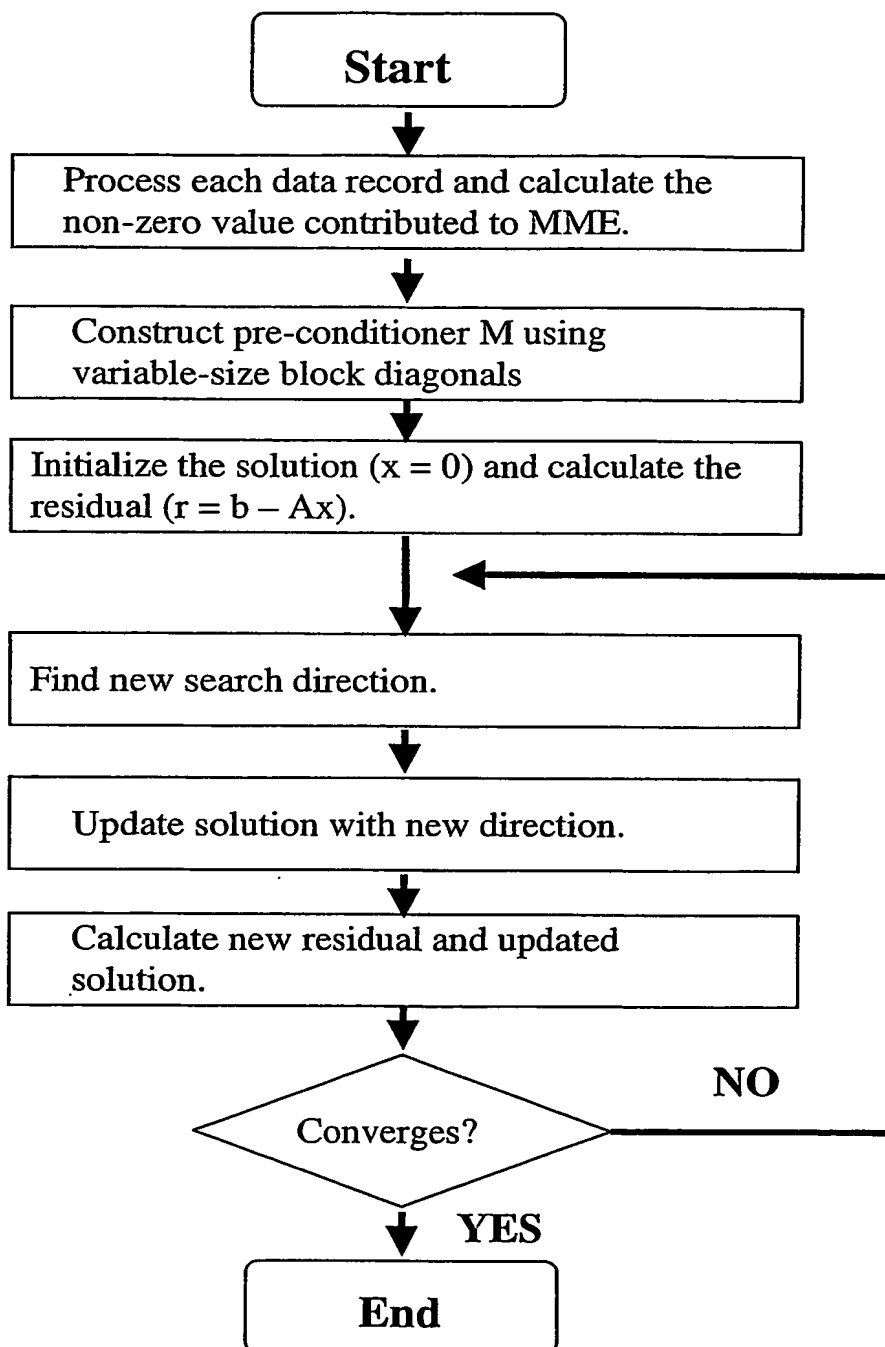
**FIGURE 1**

2 / 9

**Figure 2**

3 / 9

**Figure 3**

4 / 9

FIGURE 4

1	atgagcttcc	tagagcaagg	agagagccgt	tcatggccat	cccagactgt	aaccaccagc
61	tcagaaagaa	gccatgggga	ccaggggaac	aaggcctcta	gatggacaag	gcaggaggat
121	gtagaggaag	gggggcctcc	gggcccagag	gaaggtagt	tcaaggccag	ttctggggag
181	ctgggactgg	gggcagtggg	cagtcctcaa	acctggggcc	cgtctctggg	ctggtccctc
241	cataacacag	gcacataaca	tcatgcagcc	agtctcccca	caagggggag	gacaactgca
301	ttgctgatcc	aggggtccag	ggatccaagg	tggccaactc	aggacagagc	cactgtcttc
361	tctgtgactc	tctgagactc	agctctctca	cctgcaaaat	ggggccacag	cattcaggct
421	tcccaagggt	gcaatgagga	tgaatggaga	cagcagatga	ggaagtcttc	tgggaagagg
481	agttactgtg	ctctccctcc	cgctccccga	acaggtcccc	agtcaggggc	agttgtctgag
541	tccaccgggc	aggaggccac	attccccaa	gccacaccct	tggcccaagc	cgctcccttg
601	gccgaggtgg	acaaccccc	aacagagcgg	gacatcctcc	cctctgactg	tgcagcctca
661	gcctccgact	ccaacacaga	ccatctggat	ctgggcatag	agttctcage	ctcggcggcg
721	tcgggggatg	agcttgggct	ggtggaagag	aagccagccc	cgtgcccatc	cccagagggtg
781	ctgttaccca	ggctgggctg	ggatgatgag	ctgcagaagc	cgggggccca	ggtctacatg
841	cacttcatgc	aggagcacac	ctgtacgat	gccatggcga	ccagctccaa	actggtcatc
901	ttcgacacca	tgctggaggt	gaggccacgc	ctcagccccc	cccctcctca	cccccccca
961	ggatgccttg	ccagctctgc	ccccctccaa	gccccttccc	gaactccttc	cggtcatgaat
1021	ggagaccggg	ggagggtctc	tgctctctgc	acgcaccctt	taattgtcat	cccagctctg
1081	caactcagta	tccagagata	ggaatgcctg	ctttagcctg	cgaatttcag	aggattcctg
1141	ggacaagcca	ggcaatatat	gaaagtcttt	gcagggtggc	ttaggacaaa	gagcaaggga
1201	ctcttggtaa	gagaaaaata	ggatgagctc	tgctccccac	tcttccctta	ggttaaacta
1261	tgaacatttt	ggttccgtgc	ttctcgctgt	gtgcactatt	tgattctagt	tgaatatgaa
1321	caaatacatt	tcatgtagta	gctttgtatg	ttataatatt	agatatttta	caatattaga
1381	aaattacagt	cagcaggtgt	agatagtctt	gtttagggtg	aggcccaaat	aagtcaatgt
1441	aaaatttatt	tagggaaaaa	tattttgtaa	atattataca	cataatttca	cctctagcac
1501	ttaacaaaat	cgatactatg	tgtgtctgta	cacttatgac	tttgagtag	aaacactggg
1561	ttggtttccc	acaccttgga	gtgcttgggg	aggggtcacc	tcagtacctc	tggccaccag
1621	cagccttaga	tctggaacaa	atgtgcagac	aaggatctcg	tggaggggcat	gccaggacgt
1681	gggagaggca	gacagcaggc	tcatgtagat	gcaggcccgg	gaggcgcccg	gtggaagaac
1741	cctggctggc	aggggacctc	tgaggcgag	ggaacgattc	accctcaact	gttctctccg
1801	gcgctcagat	caagaaggcc	ttctttgccc	tgggtggcaa	cgcgctccga	gggcaccctt
1861	tgtgggacag	caagaagcag	agcttcgtgg	gtgaggaggg	gctggggagg	cagagggtgt
1921	ggggaaggga	atagggggac	cttgtggggg	gattctaggg	ccgagctctg	acacaccaca
1981	ggcttcaacc	aagcaggggc	ctggcctgga	gaggggggga	gcatttgacc	ccggtctcct
2041	ggtggccagc	tgggagatct	caactgtagg	agagctgtga	ccagctgacc	cctccagctc
2101	tactacccca	aggtccctgt	cgcaggtgct	aagtaagaag	aggacaggcg	gaggaaggaa
2161	gtcagaaaat	agaagaagca	gggcaggaag	gagagaaaat	acaggggaag	cataagaggg
2221	acaaccccat	ttgtcaggca	cgggaggggc	tgccctcctg	tcctcttttg	gccaccctca
2281	gtaaaaggat	gtgggcaggg	tggggggagg	ggcccgggct	gacccccatt	gtccctctcg
2341	ccccacaggg	atgctgacca	tcacagactt	catcttggtg	ctgcaccgct	attacaggtc
2401	ccccctgggtg	aggagtgggtc	tgggggtcct	ggaacaccca	tctgggctgg	ggtggaagga
2461	gttcagggga	ccctcgctgt	actttggggg	ttccgttgct	gtcttttaggt	ccagatctac
2521	gagattgaag	aacataagat	tgagacctgg	aggggtgagc	aggcgagggg	acgggcgaag
2581	gggctgaggg	tgtgtgggtg	aggatggggc	caaggacctc	agggagagca	tgcgcagtgg
2641	aggtttcctg	gaggaagcgg	gaggagggtg	atcgggagcc	caggggatct	aaggagggga
2701	gacagtctgg	gggtggccac	gtgaggcggg	gtggctggcc	cctttgtgct	gattctggct
2761	tttctctgcag	agatctacct	tcaaggctgc	ttcaagcctc	tgggtctccat	ctctcccaat
2821	gacaggtgag	cttccccagc	cgccactcga	agcctccttg	ccccgcacag	accccttctc
2881	cagctcatcg	gttctaagct	catggaacta	tcgtccgtgg	actgcagatg	cggcagcttt
2941	gacaccctgt	cctcctctcc	aggggggctg	ggatgaaggg	gctctcttcc	cagactgccc
3001	caggctcact	gctcccacct	ccacagcctg	ttcgaagctg	tctacgccct	catcaagaac
3061	cggatccacc	gcctgcccgt	cctggaccct	gtctccgggg	ctgtgtctca	catcctcaca

3121 cataagcggc ttctcaagtt cctgcacatc ttgtgagcc tgggcacagc ctcagggaca  
3181 acctgagtgg ctgagaagtc ttcagcccta gggatggggg agggagtagc tgggagcccc

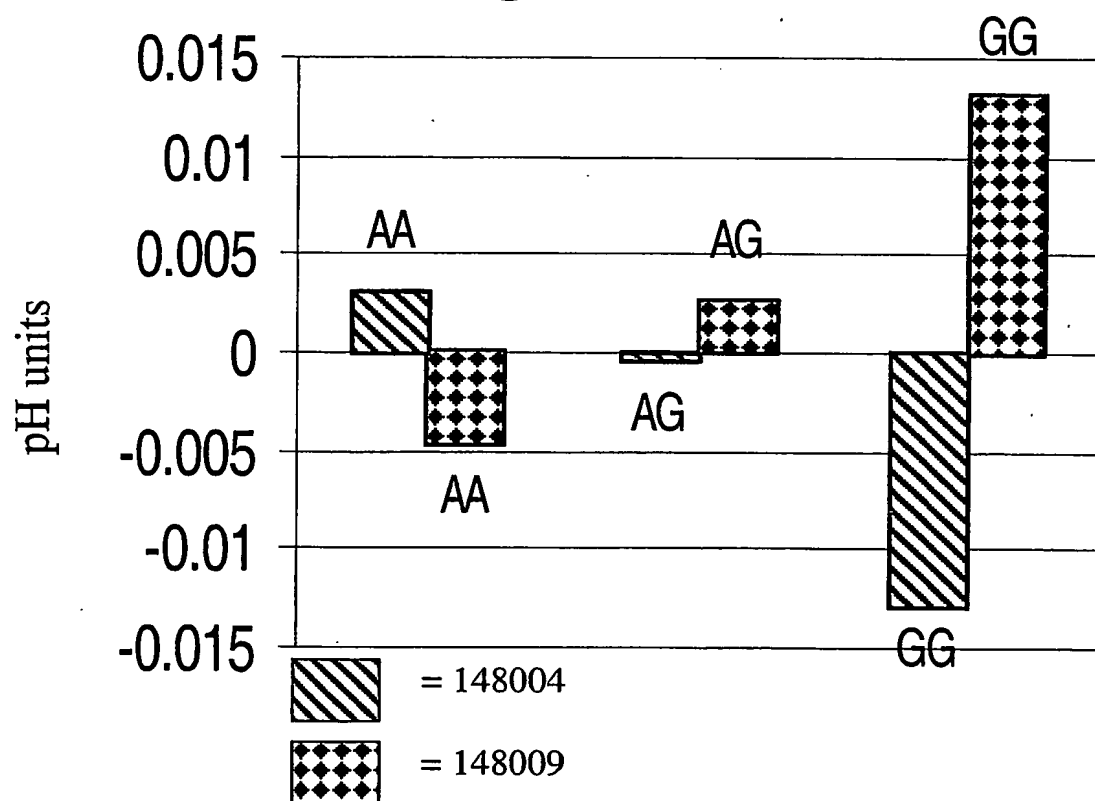
FIGURE 4 (continued)

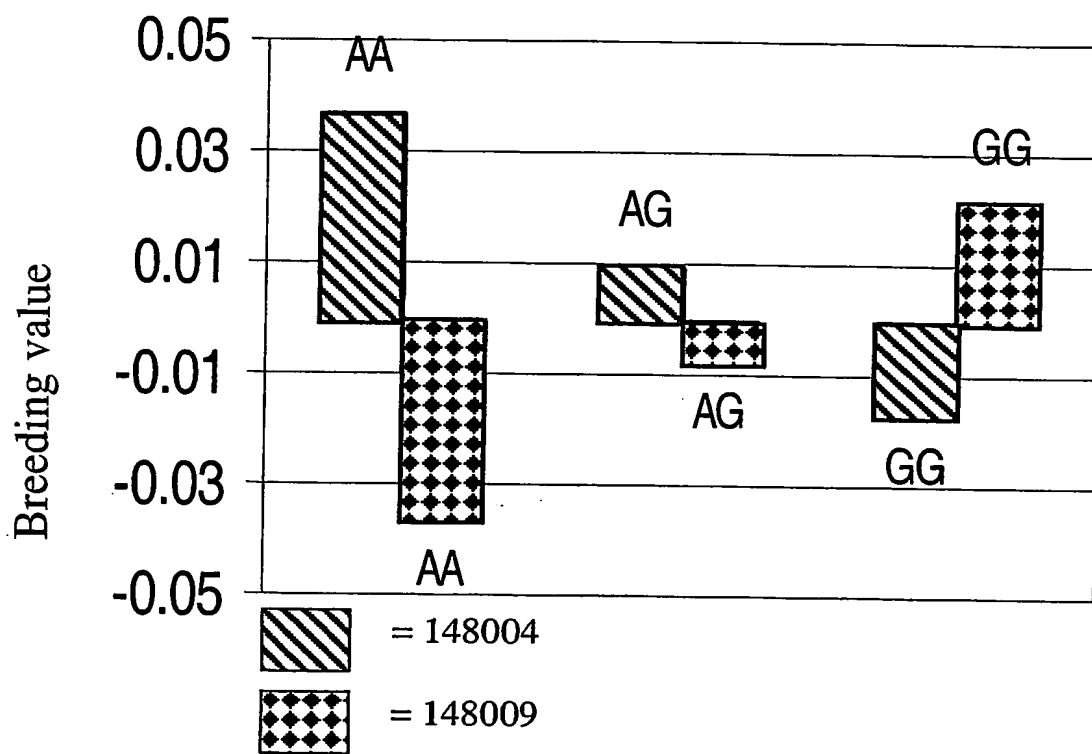
```

3241 ctgaggggcta ctccctcctg gcctcacctg tcccaaccca accagggcac cctgctgccc
3301 cggccctcct tcctctaccg caccatccaa gatttgggca tcggcacatt ccgagacttg
3361 gccgtgggtgc tggaaacggc gcccatcctg accgcactgg acatcttcgt ggaccggcgt
3421 gtgtctgcmc tgctgtggt caacgaaact ggtacctatg cccaggatgg gggctctggc
3481 tgtgatggga ctgcgggggg gcaggggtct aggtggcatc aacttggggg ccagcatgga
3541 gtcaggggcta gcagtctctg ccttctttga gctttggacc agttgcttag cctctctgag
3601 ccagacctca agttcttcct ctgaaaaaga cttaaaggaa ccatggctgc acactgtttc
3661 aagggttaaat tcaccataaa gaagccagat atcgagaagt attttaattt atgtttgatt
3721 atgaaacatt tccaatgtct gaacatggca gaaaaaacta taatgaaccc cagtatcca
3781 cctggattaa ccactgttaa catgatgccg tgaccagttc tttttttttt ttcgtggcca
3841 aagtaattta aaggaaatta tattatagaa ttatgtcatt tcaccccggt acacttcac
3901 tgctctctct aaaataaggg tacttcctat atcaccttac aattatgaat aatttattaa
3961 tgctatctaa tatccaatcc taattctcat ttctccattt tccccaagaa tatctttttt
4021 ttttttaaca gttgatttgt tgagaccaag atccaatcaa ggtccatgtt tcgcatttgc
4081 ttcttttttc ccttaagcct cttttaatct agaacagttc cctccttget ttattttcgt
4141 gacaccgggt atgagaagct gggtcagttg tcctgtagaa tgtcacactt tgagagattt
4201 gcctgttagc tttccacagg tagcccttat tttttttctc tattcctgca ttcctgtga
4261 ccgggaaatt agctctaaag gctggatcag attcaggcta gacatttgaa cctagaatat
4321 ttcagagggt atgccatgta ctctgtctc atcatattag gaggcattgac ggcagggtgt
4381 tctctctgtg tgatgtctatt tgatctgtgg gctcagggtc tggccgtctg atgcctcact
4441 ataaagccgg tagcgtgagg ggtggggagt tcattcccaa accccacccc aggccctcgc
4501 tcannatcct ggntctgacc caaacctctc ccctgtcttt ctacacctt cctccctgcc
4561 cctcccatcc cccacaggac aggtagtggg cctctactct cgctttgatg tgatcgtaag
4621 tatctatggg gaacggaggg gacctggggg accacaggga ggctgtgggt tgaagatgga
4681 tggaggttgg tatctgtgga ccagggaggc cttacagtg tatatagaga gattatttgt
4741 gggactggag cctggccgag ggctaagaat ggtcccccct cctgcccag cacctggctg
4801 cccaacaaac atacaaccac ctggacatga atgtgggaga agccctgagg cagcgagac
4861 tgtgtctgga aggcgtcctt tcctgccagc cccacgagac ctgggggaa gtcattgacc
4921 ggattgtccg ggaacaggta cccagcccc ttcatgcctg ctcccaacat gtagggcccc
4981 gtctcctcgt tgagcagctc cagctagccc atccaccggg cactgttccg gccccccat
5041 cccccattct catggccaag ctcatgggtg ccatattggc cagtgactgg tcctattatc
5101 ggggccctca gggcaagggc cacagccagc tgatcaccca ggggtgtcac agccaccctg
5161 aagcagtttc taggagacct tctgaggcac cccagtttag gtttaagttgt tgccctgat
5221 tctcagtgcc aacctcattg gccgccatag ccgcatggca ctgccccctc actgagcctc
5281 tgtggggcca caggtgcacc gctgggtgct cgtggatgag acccagcacc ttctgggcgt
5341 ggtgtccctc tctgacatcc ttcaggctct ggtgctcagc cctgctggaa ttgatgccct
5401 cggggcctga gaaccttgga acctttgtct tcaggccacc tggcacacct ggaagccagt
5461 gaagggagcc gtggactcag ctctcacttc cctcagccc cacttgctgg tctggctctt
5521 gttcaggtag gtcgcgccg gggcccttg cctcagcatc agccctcag tctccctggg
5581 caccagatc tcagactggg gcaccctgaa gatgggagtg gccagctta tagctgagca
5641 gccttgtgaa atctaccagc atcaagactc actgtgggac cactgctttg tcccattctc
5701 agctgaaatg atggagggcc tcataagagg ggtggacagg gcctggagta gaggccagat
5761 cagtacgtg ccttcaggac ctccggggag ttagagctgc cctctctcag ttcagttccc
5821 ccctgctgag aatgtccctg gaaggaagcc agttaataaa ccttggttgg atggaatttc
5881 cacactcg

```

7/9

**Figure 5**

**Figure 6**



9 / 9

GCACTGTTTGAGCACTTGGAAAGTTAAATAATTATTGTTGGAGACTGCATGTTTTAATCTTAGA  
 TACTTCCTATTTATGTCTTAGTCAAAATGATTAATTGCTTTTCTATGTGTCTTTTAAATGTCCT  
 AACA GAA TTT ATT TAT GTG ATA ACT GCA TTT GAC TTG

E F I Y V I T A F D L

GCA TAT CCA ATT ACT CCT TGG AAA TTT AAG TTG TCT TGC ATG CCA  
 A Y P I T P W K F K L S C M P

CCA AAT ACA ACA TAT GAC TTC CTC TTG CCT GCT GGA ATC TCA AAG  
 P N T T Y D F L L P A G I S K

AAC ACT TCA ACT TTG AAT GGA CAT GAT GAG GCA GTT GTT GAA  
 N T S T L N G H D E A V V E

A[T/C]G GAA CTT AAT [T/A][C/T]A AGT GGT ACC TAC TTA TCA AAC  
 M/T E L N S/I S G T Y L S N

TTA TCT TCT AAA ACA ACT TTC CAC TGT TGC TTT TGG AGT GAG GAA  
 L S S K T T F H C C F W S E E

GAT AAA AAC TGC TCT GTA CAT GCA GAC AAC ATT GCA GGG AAG G  
 D K N C S V H A D N I A G K

Figure 7